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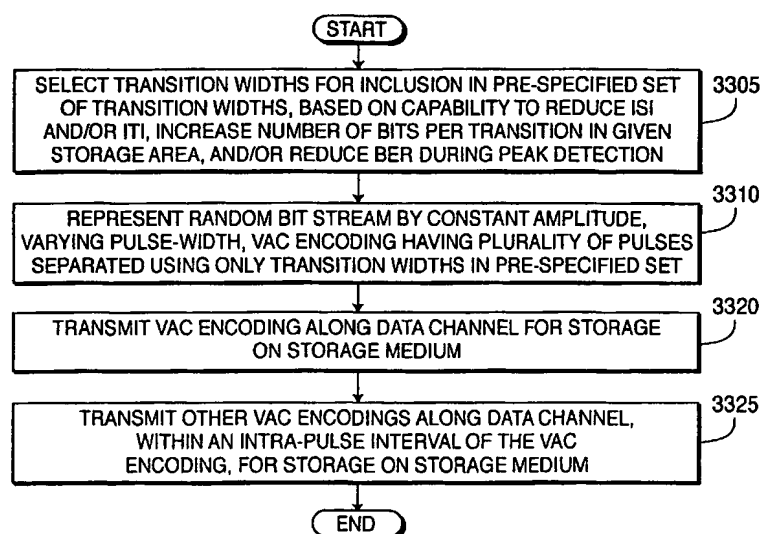
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(54) Title: MULTI-DIMENSIONAL CODING FOR HIGH-DENSITY STORAGE MEDIA APPLICATIONS



(57) Abstract: There is provided a method for encoding a random bit stream in two-dimensions for storage on a storage medium. The random bit stream is encoded (3310) using Variable Aperture Coding (VAC) so as to generate a constant amplitude, varying pulse-width, VAC encoding that represents the random bit stream by a plurality of pulses separated using only transition widths included in a pre-specified set of transition widths.